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First Named Inventor	Leonid Grigorian	
Art Unit	1754	
Examiner Name	Peter J. Lish	
Attorney Docket Number	23085-8328	

U.S. PATENT DOCUMENTS					
		Document No.			
Examiner Initials*	Cite No.1	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		US-			

FOREIGN PATENT DOCUMENTS					
		Foreign Patent Document			
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> - Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	1 <sub>0</sub>
9[_		WO 01/49599 A2	July 12, 2001	Jie Liu	

OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>0</sup>	
PL		AVDEEVA, LYUDMILA B. ET AL: 'Iron-containing catalysts of methane decomposition: Accumulation of filamentous carbon', Applied Catalysis A: General, March 28, 2002, pages 53-63, vol. 228, no. 1-2; Elsevier Science B.V.		
₽L_	!	CASSELL, A.M. ET AL: "A large scale CVD synthesis of single-walled carbon nanotubes", Chemical Physics Letters, May 5, 2000; August 5, 1999, pages 6484-6492; Journal of Physical Chemistry		
ρL		HARUTYUNYAN, A.R. ET AL., "CVD synthesis of signal wall carbon nanotubes under 'soft' conditions", Nano Letters, May 2002, pages 525-530, vol. 2, no. 5; American Chemical Society, USA		
PL		PEIGNEY, ALAIN ET AL: "A Study of the Formation of Single- and Double-Walled Carbon Nanotubes by a CVD Method", October 11, 2001, pages 9699-9710; Journal of Physical Chemistry, American Chemical Society, USA		
PL		PEIGNEY, A. ET AL.: "Carbon Nanotubes-Fe-Alumina Nanocomposities. Part 1: Influence of the Fe Content on the Synthesis of Powders"; Journal of the European Ceramic Society, December 1, 1998, pages 1995-2004; vol. 18, no. 14; Elsevier Science Publishers, Barking, Essex, Great Britain	:	
8L		MING, SU ET AL: "A scalable CVD method for the synthesis of single-walled carbon nanotubes with high catalyst productivity", Chemical Physics Letters, May 26, 2000, pages 321-326, vol. 322, no. 5; Elsevier Science Publishing		
PL		WEIDENKAFF, A ET AL: "Metal nanoparticles for the production of carbon nanotube composite materials by decomposition of different carbon sources", Current Trends in Nanotechnologies: from Materials to Systems. Symposium S, Emrs spring meeting 2001, June 5-8, 2001, pages 119-123, vol. C19, no. 1-2; Elsevier, Strasbourg, France		

Examiner Signature	11/1/2	Date Considered	3/29/04	
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